

SECTION 10810

TOILET ACCESSORIES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. This Section includes the following:
 - 1. Toilet accessories.
 - 2. Warm-air dryers.
 - 3. Under lavatory guards.
 - 4. Shower Compartments.
 - 5. Urinal Screens
- B. Schedule of Toilet Accessories: Each type of toilet accessory required is specified in schedule at the end of this section.

1.02 RELATED SECTIONS

- A. Section 08800: Mirror Glass; for custom Installations.

1.03 SUBMITTALS

- A. Product Data: Include construction details, material descriptions and thicknesses, dimensions, profiles, fastening and mounting methods, specified options, and finishes for each type of accessory specified.
- B. Samples: When requested, submit full-size samples of units to Architect for review of design and operation. Acceptable samples will be returned and may be used in the work. Compliance with all other requirements is the exclusive responsibility of the Contractor.
- C. Setting Drawings: For cutouts required in other work; include templates, substrate preparation instructions, and directions for preparing cutouts and installing anchoring devices.
- D. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required. Use designations indicated in the Toilet and Bath Accessory Schedule and room designations indicated on Drawings in product schedule.
- E. Maintenance Data: For accessories to include in maintenance manuals specified in Division 1. Provide lists of replacement parts and service recommendations.

1.04 QUALITY ASSURANCE

- A. Product Options: Accessory requirements, including those for materials, finishes, dimensions, capacities, and performance, are established by specified products indicated in the Toilet and Bath Accessory Schedule.
 - 1. Products of other manufacturers listed in Part 2 with equal characteristics, as judged solely by Architect, may be provided.

2. Other manufacturer's products with equal characteristics may be considered. See Section 01600.
3. Do not modify aesthetic effects, as judged solely by Architect, except with Architect's approval. Where modifications are proposed, submit comprehensive explanatory data to Architect for review.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver items in manufacturer's original unopened protective packaging.
- B. Store materials in original protective packaging to prevent soiling, physical damage, or wetting.
- C. Handle so as to prevent damage to finished surfaces.
- D. Maintain protective covers on all units until installation is complete. Remove covers at final clean up of installation.

1.06 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by disabled persons, proper installation, adjustment, operation, cleaning, and servicing of accessories.
- B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

1.07 WARRANTY

- A. General Warranty: Special warranty specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Manufacturer's Mirror Warranty: Written warranty, executed by mirror manufacturer agreeing to replace mirrors that develop visible silver spoilage defects within minimum warranty period indicated.
- C. Minimum Warranty Period: 15 years from date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURER

Subject to compliance with specified requirements, provide accessories by one of the following:

- A. Toilet Accessories: Model numbers specified are for products manufactured by Bobrick Washroom Equipment Co. and Georgia-Pacific. Manufacturers offering products to comply with the requirements for toilet accessories include the following:
 1. American Specialties, Inc. (ASI)
 2. Bradley Corporation

3. General Accessories Manufacturing Co. (GAMCO)

- B. Warm-Air Hand Dryers:
 - 1. American Dryer, Inc.
 - 2. American Specialties, Inc. (ASI)
 - 3. Bobrick Washroom Equipment, Inc.
 - 4. Excel Dryer Corporation
 - 5. General Accessory Manufacturing Co. (GAMCO)
 - 6. World Dryer.
- C. Under lavatory Guards:
 - 1. Truebro, Inc.
- D. Urinal Screens: Privacy Screens and hardware to be supplied by Scranton Products (Santana/Comtec/Capitol's), Moosic, PA, or approved equal.
- E. Utility Shelves and brackets: Knappe & Vogt.

2.02 MATERIALS, GENERAL

- A. Stainless Steel: ASTM A 666, Type 304, with No. 4 finish, 22 gage minimum, unless otherwise indicated.
- B. Brass: ASTM B19, leaded and unleaded, flat products, ASTM B16 (ASTM B16M); Rods, shapes, forgings, and flat products with finished edges; ASTM B 30 castings.
- C. Sheet Steel: ASTM A366/A366M, cold-rolled, commercial quality 20 gage minimum, unless otherwise indicated. Surface preparation and metal pretreatment as required for applied finish.
- D. Galvanized Steel Sheet: ASTM A 653/A 653M, G60 (Z180).
- E. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC 2.
- F. Mirror Glass: ASTM C1036, Type I, Class 1, Quality q2, 1/4 inch thick, with silver coating, electroplated-copper protective coating, and nonmetallic paint coating comply with FS DD-M-411.
- G. Stainless Steel Mirror Surfaces: Not less than 20 gage, AISI Type 302/304 stainless steel sheet, hand-selected, stretcher-leveled and polished to a No. 8 mirror finish. Bond to 1/4 inch hardboard backing.
- H. Galvanized Steel Mounting Devices: ASTM A 153/A153M, hot-dip galvanized after fabrication.
- I. Fasteners: Screws, bolts, and other devices of same material as accessory unit tamper and theft resistant when exposed, galvanized steel where concealed.

2.03 FABRICATION

- A. General: Stamped names or labels on exposed faces of toilet accessory units are not permitted, except where otherwise indicated; unobtrusive labels on surfaces not exposed to view are

acceptable. Where locks are required for a particular type of toilet accessory, provide same keying throughout project. Furnish two keys for each lock.

- B. Surface-Mounted Toilet Accessories, General: Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous stainless steel piano hinge. Provide concealed anchorage wherever possible.
- C. Recessed Toilet Accessories, General: Except where otherwise indicated, fabricate units of all welded construction, without mitered corners. Hang doors or access panels with full-length stainless steel piano hinge. Provide anchorage which is fully concealed when unit is closed.
- D. Mirrors: Provide mirror backing and support system which will permit rigid, tamperproof glass installation and prevent accumulation of moisture, as follows:
 - 1. Fabricate mirror frames with channel shapes of not less than 20 gage, with square corners carefully mitered to hairline joints and mechanically interlocked.
 - 2. Shelves: Fabricate of stainless steel in same gage and finish as frame, rigidly attached, approximately 5 inches deep by width of mirror. Turn down and return edges for additional rigidity.
- E. Grab Bars: Stainless steel type with wall thickness not less than 18 gage and as follows:
 - 1. Mounting: Concealed, manufacturer's standard flanges and anchorages.
 - 2. Clearance: 1-1/2 inch clearance between wall surface and inside face of bar.
 - 3. Gripping Surfaces: Smooth, satin finish, with manufacturer's standard non-slip texture.
 - 4. Heavy-Duty Size: Outside diameter of 1-1/4 inch.
- F. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

2.04 URINAL SCREENS

- A. Materials: Privacy Screens and supports shall be 1" thick constructed from High-Density Polyethylene (HDPE) resins. Privacy Screens shall be fabricated from polymer resins compounded under high pressure, forming a single component which is waterproof, nonabsorbent and has a self-lubricating surface that resists marks from pens, pencils, markers and other writing instruments. All plastic components shall be covered with a protective plastic masking.
- B. Construction: Privacy Screens shall be 1" thick with all edges rounded to a 1/4" radius. Screens shall be 18" or 24" wide by 42" or 55" high.
- C. Hardware: Wall brackets shall be 41" or 55" long double ear and made of extruded PVC plastic wall brackets are available in: burgundy, mocha, black, parchment, white, charcoal gray, hunter, grey, fossil, linen, beige, blueberry, azure, cappuccino, sandcastle, sandstorm, glacier gray. OR wall brackets shall be 1 1/2" stirrup type made of heavy-duty aluminum (6463-T5 alloy) with a bright dip anodized finish. Brackets shall be attached to the screen and wall with stainless steel tamper resistant fasteners.
- D. Warranty: Scranton Products (Santana/Comtec/Capitol's) guarantees its plastic against breakage, corrosion, and delamination under normal conditions for 15 years from the date of receipt by the customer. If materials are found to be defective during that period for reasons listed above,

the materials will be replaced free of charge. (Labor not included in warranty.)

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install toilet accessory units following manufacturer's instructions, using fasteners appropriate to substrate and recommended by unit manufacturer. Install units plumb, level, and firmly anchored in locations and at heights indicated.
 - 1. Use concealed fastenings wherever possible.
 - 2. Provide anchors, bolts and other necessary anchorages.
 - 3. Install concealed mounting devices and fasteners fabricated of same material as accessories, or of galvanized steel, as recommended by manufacturer.
 - 4. Install exposed mounting devices and fasteners finished to match accessories.
 - 5. Provide theft-resistant fasteners for all accessory mountings.
 - 6. Fit flanges of accessories snug to wall surfaces. Provide sealant in gaps between 90 degree return flanges and finish wall surface after accessories are installed.
- B. Secure mirrors to walls in concealed, tamperproof manner with special hangers or screws. Set unit plumbs, level, and square at locations indicated, following manufacturer's instructions for type of substrate indicated.
- C. Install grab bars to withstand a downward load of at least 250 lbf, when tested according to method in ASTM F 446.
- D. Toilet accessories required to be accessible shall be mounted at heights according to CBC Section 1118B.
- E. Toilet paper and feminine napkin dispensers located on the grab bar side of an accessible toilet room or stall shall not project more than 3" from the finished wall surface nor be located closer than 1-1/2" clear of the tangent point of the grab bar.
- F. Urinal Screens:
 - 1. Preparation:
 - a. Examine areas to receive the vanities for correct height and spacing of anchorage/blocking and plumbing fixtures that may affect installation of screens. Report any discrepancies to the architect.
 - b. Take complete and accurate measurements of locations to receive screens.
 - c. Start of work constitutes acceptance of job.
 - 2. Installation:
 - a. Install Privacy Screens rigid, straight, plumb, and level manor, with plastic laid out as shown on shop drawings and manufacturer's installation instructions.
 - b. No evidence of cutting, drilling, and/or patching shall be visible on the finished work.
 - c. Finished surfaces shall be cleaned after installation and be left free of all imperfections.

3.02 ADJUSTING AND CLEANING

- A. Adjust accessories for proper operation and verify that mechanisms function smoothly. Replace

damaged or defective items.

- B. Clean and polish all exposed surfaces following manufacturer's recommendations after removing temporary labels and protective coatings.

3.03 SCHEDULE OF TOILET ACCESSORIES

- A. Following item numbers for accessories are coordinated with keyed numbers on drawings indicating location and extent of each type of accessory.

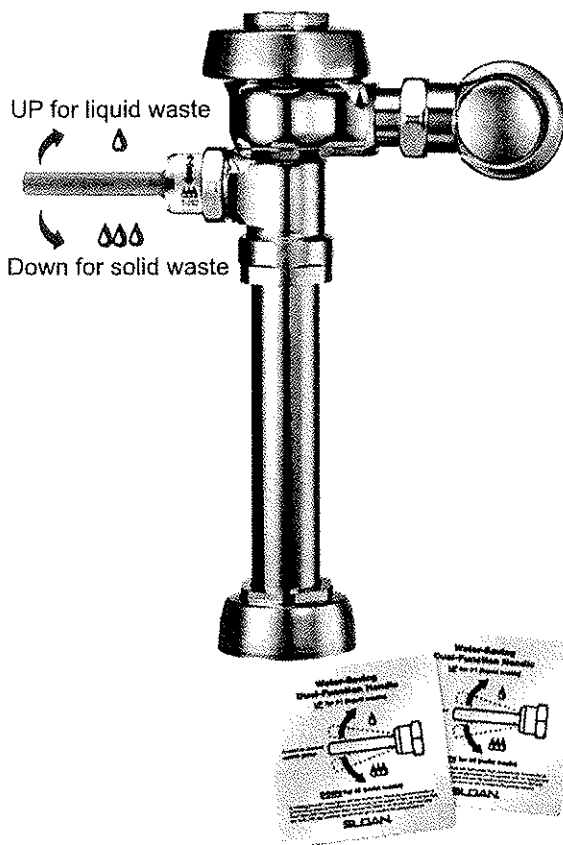
1. GP enMotion Recessed Automated Touchless Towel Dispenser: No. 59446.
2. Stainless Steel Waste Receptacle: B-2250.
3. Partition-Mounted Seat Cover and Toilet Tissue Dispenser: B-347
4. Sanitary Napkin Disposal, Surface Mounted: No. B-270.
5. Seat Cover Dispenser, Surface Mounted: No. B-4221.
6. Toilet Tissue Dispenser, Surface Mounted Multi-Roll: No. B-4288.
7. Grab Bar: No. B-5806 series.
8. Sanitary Napkin Disposal, Partition Mounted: No. B-354.
9. Soap Dispenser, Horizontal Tank: No. B2112.
10. Stainless Steel Framed Mirror: No. B-290 series.
11. Shower Curtain Rod; Heavy Duty: No. B-6107.
12. Shower Curtain and Hooks: No. 204-2 curtain with No. 204-1 hooks.
13. Shower Seat, Folding, Slatted Phenolic Seat, reversible: No. B-5181.
14. Soap Dish: No. B-4380 (with mounting clamp for stud walls).
15. Handicapped Grab Bars: 1-1/2" o.d. stainless steel satin finish with concealed fasteners. 1 type "C" and 1 type "S" vertical.
16. Towel Pin: No. B-677.
17. Robe Hook, Concealed Mounting: No. B-2116.
18. Stainless Steel Mop/Broom Holder: No. B-223, 24 inches long with 3 mop holders.
19. Underlavatory guards, molded vinyl covering for supply and drain piping with flip tops at valve to allow service access without removing coverings: Truebro Lav Guard or approved equal.
20. Utility Shelves and brackets: Knappe & Vogt. Decorative, heavy duty, double-track standards and brackets, model No: 82/182. Melatex laminate shelves, 24"x8", model No: 1980.

END OF SECTION

NEW

UPPERCUT™

**The Fastest Way to
Start Saving Water!**



Dual-Flush Flushometer

WES-111

► Description

Exposed Water Closet Flushometer with Dual-Flush Feature, for floor mounted or wall hung top spud bowls.

► Flush Cycle

□ Model WES-111 Low Consumption
(Down 1.6 gpf/6.0 Lpf, Up 1.1 gpf/4.2 Lpf)

► Specifications

Dual-Flush, Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer with the following features:

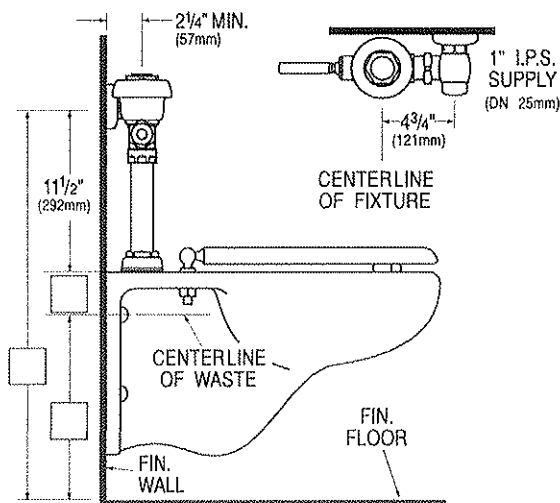
- Lifting Handle UP initiates reduced flush (1.1 gpf/4.2 Lpf), eliminating liquid and paper waste, saving a ½-gallon of water
- Pushing Handle DOWN initiates full flush (1.6 gpf/6.0 Lpf), eliminating solid waste and paper
- Reduces water volume by up to 30% when activated UPWARDS
- Antimicrobial Coating on Handle protects against germs
- PERMEX™ Synthetic Rubber Diaphragm w/Dual Filtered Fixed Bypass
- Distinctive Green ADA Compliant Metal Non-Hold-Open Handle with Triple Seal Handle Packing signifies Water Conserving Device
- 1" I.P.S. Screwdriver Bak-Chek™ Angle Stop
- Free Spinning Vandal Resistant Stop Cap
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- Spud Coupling and Flange for 1½" Top Spud
- Sweat Solder Adapter w/Cover Tube and Cast Set Screw Wall Flange
- High Copper, Low Zinc Brass Castings for Dezincification Resistance
- Non-Hold-Open Handle, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Flush Accuracy Controlled by CID™ Technology
- Diaphragm, Handle Packing, Stop Seat and Vacuum Breaker molded from PERMEX™ Rubber Compound for Chloramine Resistance
- Includes (2) adhesive backed Metal Wall Plates etched w/Instructions

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance to the applicable sections of ASSE 1037, ANSI/ASME A112.19.2 and Military Specification V-29193.

► Variations

- TP Trap Primer
- YG Extended Bumper on Angle Stop (for seat with cover)
- YO Bumper on Angle Stop (for open front seat without cover)

See Accessories Section of the Sloan catalog for details on these and other Flushometer variations.



Patent Pending

This space for Architect/Engineer approval

The information contained in this document is subject to change without notice

SLOAN.

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www.sloanvalve.com

American Standard



BARRIER FREE

AFWALL™ ADA RETROFIT ELONGATED FLUSH VALVE TOILET

VITREOUS CHINA

AFWALL™ ADA RETROFIT ELONGATED*

- Vitreous china
- Low-consumption (6.0 Lpf/1.6 gpf)
- Off-floor mounting
- Elongated bowl
- Direct-fed siphon jet action
- Fully-glazed 2" ballpass trapway
- 10" x 12" water surface area
- Condensation channel
- 1-1/2" inlet spud
- 100% factory flush tested

- ☐ **2294.011** Top spud
- ☐ **2296.019** Top spud with slotted rim for bedpan holding (White only)

Afwall ADA 1.6 replaces standard wall-hung 3.5 or 1.6 models and roughs-in at 410mm (16-1/8") rim height to meet ADA with no need to modify the existing carrier or through wall supply (providing centerline of current outlet is 133mm [5-1/4"] above finished floor).

American Standard kit #736046-100 Flush Valve Conversion Kit containing a 25mm (1") chrome-plated street ell, a vacuum breaker, and a 330mm (13") tail piece included to meet minimum 152mm (6") code between bowl and vacuum breaker.

Recommended working pressure--between 30 psi at valve when flushing and 80 psi static

Compliance Certifications -

Meets or Exceeds the Following Specifications:

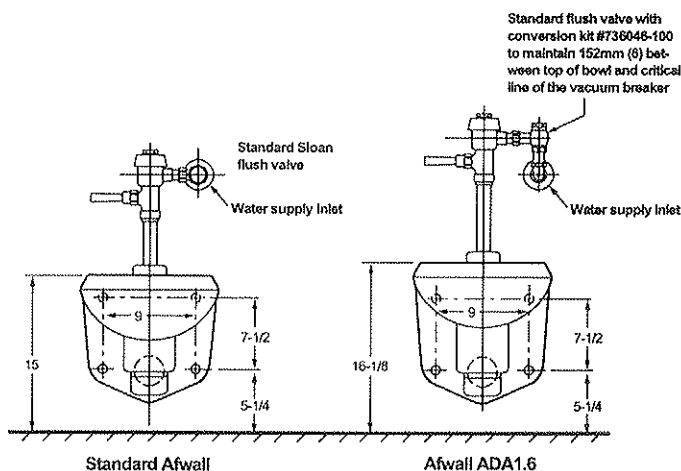
- ASME A112.19.2M (and 19.6M) for Vitreous China Fixtures - includes Flush Performance, Ball Pass Diameter, Trap Seal Depth and all Dimensions

Nominal Dimensions: 635 x 375 x 410mm (25" x 14-3/4" x 16-1/8")

Seat, carrier, bolt caps, and flush valve by others.

NOTE: Roughing-in information shown on reverse side of page.

* Patent Pending



To Be Specified

- ☐ Color: ☐ White ☐ Bone ☐ Silver ☐ Shell ☐ Black
- ☐ Seat: Olsonite #95 open front seat less cover
- ☐ Seat: Church #9500C open front seat less cover
- ☐ Alternate Seat:
- ☐ Kit to convert existing flush valve from 3.5 gpf to 1.6 gpf:
 - ☐ Coyne Delaney: Kit No. F144-1.6ACQ
Cap No. F159-1.6AQ
 - ☐ Sloan Royal: Kit No. A-41-A 1.6 Gal Closet Kit LC
Cap No. A-72 C.P.
 - ☐ Zurn: Kit No. Z6000EC-WSI
Cap No. Z6000LL for WSI flush valve
- ☐ Flush Valve: Sloan Royal #111 or equal
- ☐ Carrier Fitting J.R. Smith 210L or equal

SPS 2294/2296

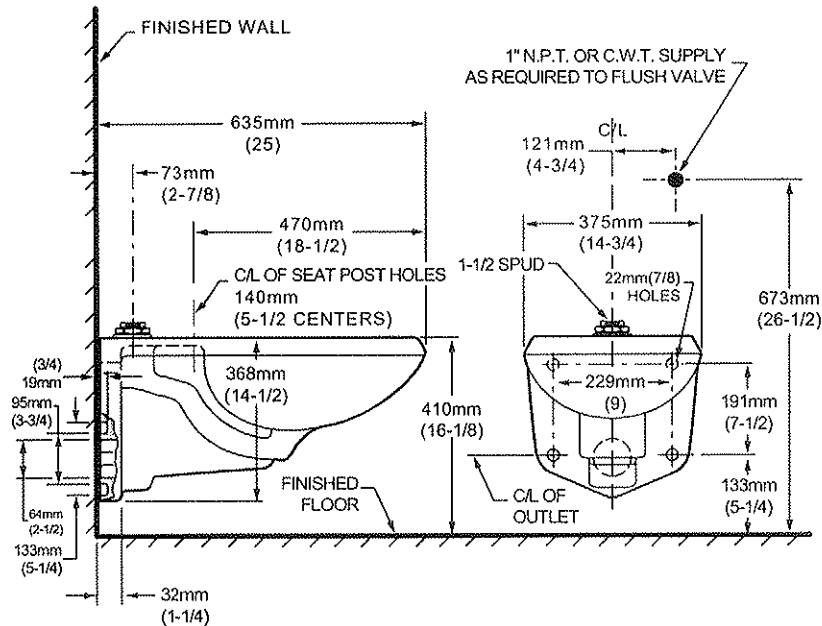
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American Standard

AFWALL™ ADA RETROFIT ELONGATED FLUSH VALVE TOILET

VITREOUS CHINA

2294.011/2296.019



● When installed so top of seat is 432 to 483mm (17" to 19") from the finished floor.
MEETS THE AMERICAN DISABILITIES ACT GUIDELINES AND ANSI A117.1 REQUIREMENTS FOR ACCESSIBLE AND USEABLE BUILDING FACILITIES- CHECK LOCAL CODES.

NOTES:

PRODUCT 2294.011 SHOWN, 2296.019 SAME AS EXCEPT WITH SLOTTED RIM FOR BED PAN HOLDING.

* REQUIRES AMERICAN STANDARD KIT 736046-100 TO UPGRADE EXISTING INSTALLATION OF FLUSH VALVE AND COMPONENTS.

WASTE OUTLET SEAL RING MUST BE NEOPRENE OR GRAPHITE-FELT (WAX RING NOT RECOMMENDED).

SUGGESTED 1/16" CLEARANCE BETWEEN FACE OF WALL AND BACK OF BOWL.

TO COMPLY WITH AREA CODE GOVERNING THE HEIGHT OF VACUUM BREAKER ON THE FLUSH VALVE, THE PLUMBER MUST VERIFY DIMENSIONS SHOWN FOR SUPPLY ROUGHING.

FLUSH VALVE NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY.

CARRIER FITTING AS REQUIRED TO BE FURNISHED BY OTHERS.

PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerance established by ANSI Standard A112.19.2

These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.

SPS 2294/2296

American Standard



BARRIER FREE

SELECTRONIC™
INNSBROOK™ 0.5 GALLON PER FLUSH URINAL
VITREOUS CHINA

INNSBROOK™ 0.5 GALLON PER FLUSH URINAL

- Vitreous china
- Low consumption (1.9 Lpf/0.5 gpf)
- 13mm (1/2") supply line
- Integral flushing mechanism
- Integral in-line strainer for solenoid
- Elongated 356mm (14") rim from finish wall
- Flushing rim
- Washout flush action
- Integral extended sides for privacy
- Two wall hangers
- Outlet connection threaded 2" inside (NPTF)
- Meets ASME flush requirements at less than 0.5 GPF

- ☐ **6520.001** Integral Proximity Flush System.
• Battery Power Supply.
- ☐ **6520.003** Integral Proximity Flush System.
Ready for use with low voltage Plug-In Power Supply. Up to 15 urinals can be powered with one Power Supply (Must be ordered separately). The following parts are supplied for multiple connection:
- ☐ **A950489-0070A** Multi-Board
- ☐ **738807-0070A** Multi-Board Case Assembly (Multi-Box)
- ☐ **A922265-0070A** 10' Connection Cable Extension

Required Components for:

AC Single and Multiple Connection

- ☐ **M950169-0070A** Plug-In Power supply with 6' cord (Quick Connect Connector)
- Operates at 100-250 VAC, 50/60 Hz

Please see next page for recommended hook-up layout.

Available Component Parts:

- ☐ **047068-0070A** Stainless Steel Strainer
- ☐ **738232-XXX0A** Cover and mounting kit

Nominal Dimensions:

356 x 460 x 787mm
(14" x 18-1/8" x 31")

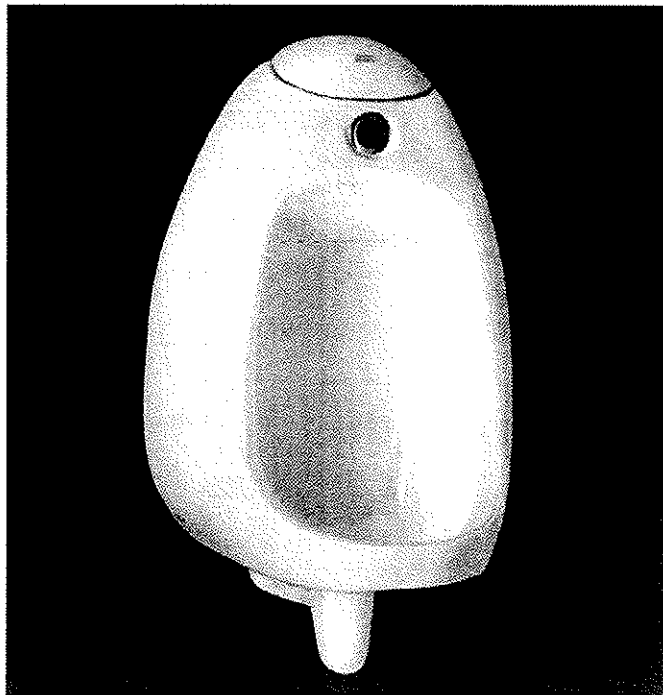
Recommended working pressure—between 20 psi at valve when flushing and 80 psi static.

Compliance Certifications -

Meets or Exceeds the Following Specifications:

- ASME A112.19.2M for Vitreous China Fixtures
- Power supply is UL Class 2 device

U.S. Pat. D-362,716



SEE REVERSE FOR ROUGHING-IN DIMENSIONS

To Be Specified:

- ☐ Color: ☐ White ☐ Bone ☐ Silver
☐ Shell ☐ Black ☐ Linen



MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES - CHECK LOCAL CODES.

• When installed so top of rim is 432mm (17") from finished floor.

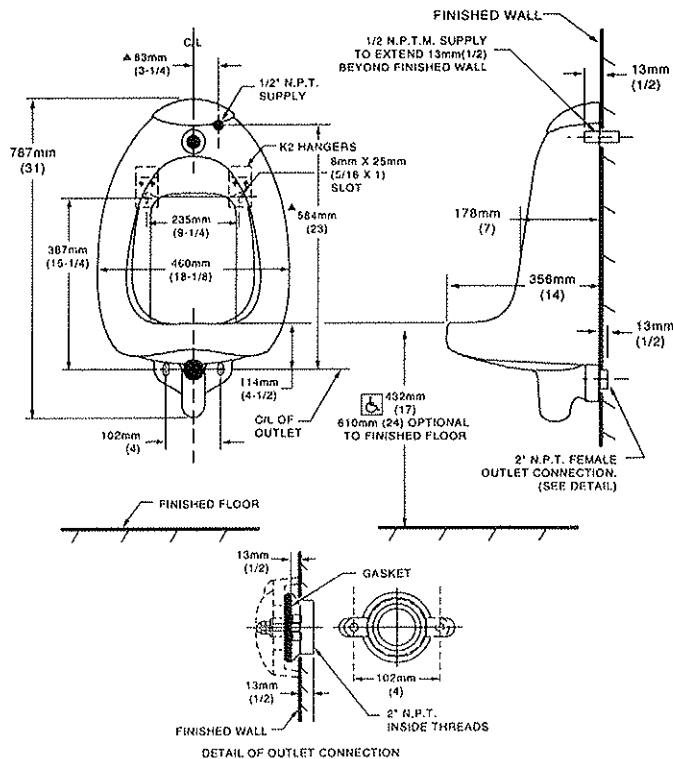
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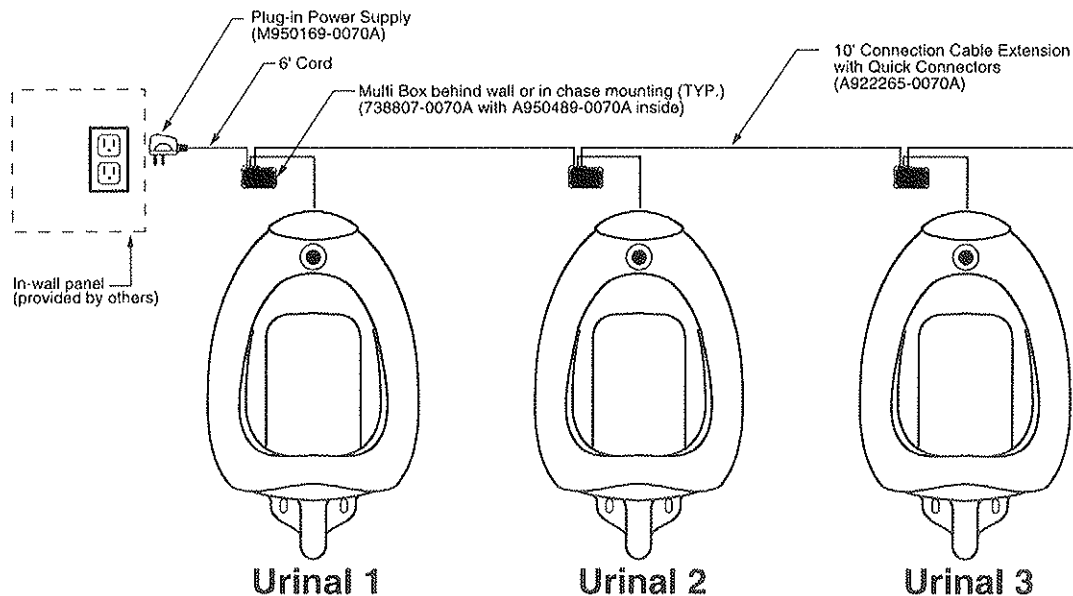
SELECTRONIC™
INNSBROOK™ 0.5 GALLON PER FLUSH URINAL
VITREOUS CHINA

6520.001



NOTES:
PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS.
REQUIRED MINIMUM FLOW RATE - 5 GPM.
REFER TO INSTALLATION INSTRUCTION SUPPLIED WITH URINAL FOR ADDITIONAL INFORMATION.
▲ DIMENSION SHOWN IS IMPORTANT AND MUST BE ADHERED TO.

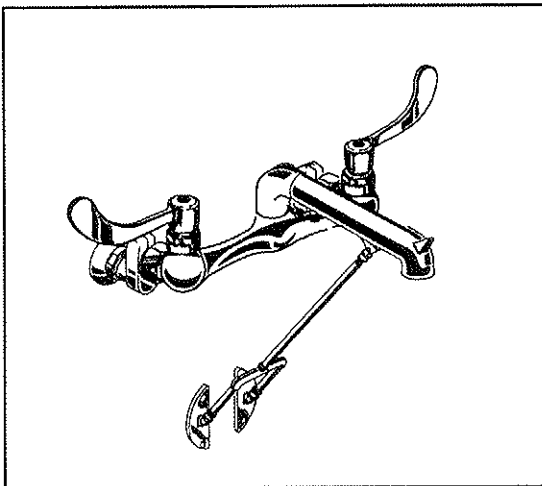
IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.



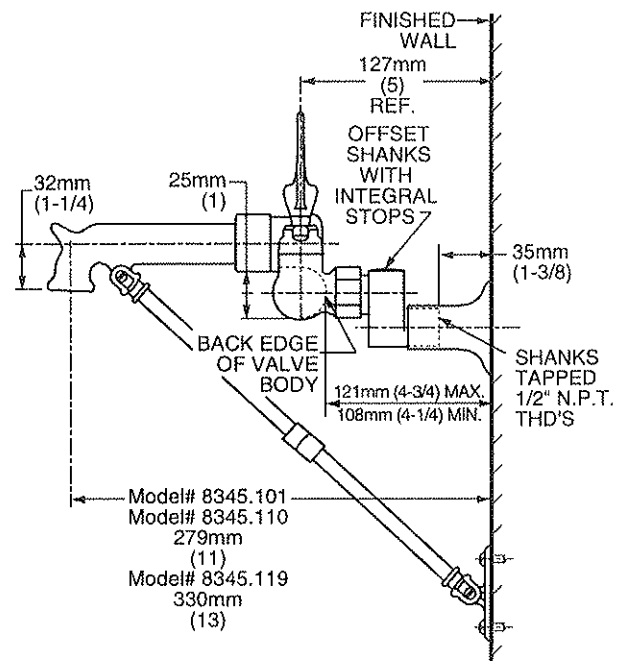
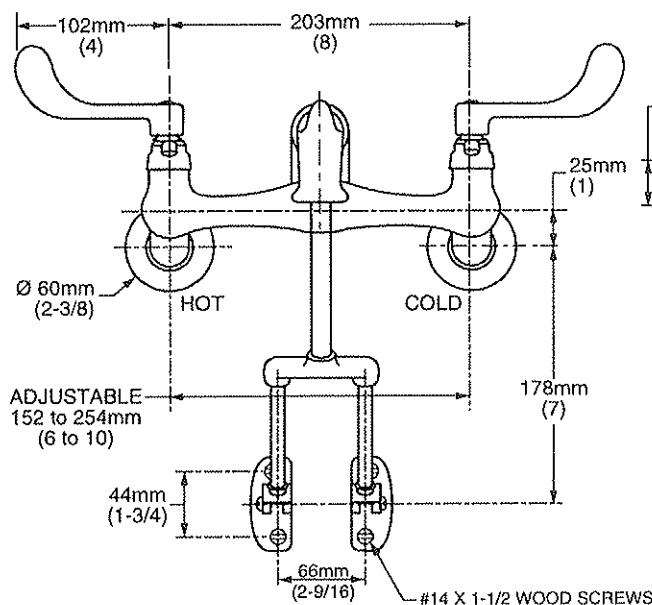
In the example above, Urinal #1 will have the Multi Box near by drawing power from the power supply. Inturn, the same Multi Box will power its own sensor, and then connected with a multi Box for Urinal #2 which can relay the Power to its own Sensor Module and to another Multi Board (Urinal #3). This can be repeated as required for a recommended maximum of 10 Urinals.

American Standard

EXPOSED YOKE WALL-MOUNT UTILITY FAUCET WITH BOTTOM FORK BRACE



8345.101 Shown.



GENERAL DESCRIPTION:

Cast brass body. Brass wrist blade handles with red and blue color indicators. 1/4 turn ceramic disc valve cartridges that are reversible for use on both "hot" and "cold" sides. Brass spout with bucket hook, bottom fork braced to wall. Vacuum breaker (on model 8345.110) prevents backflow. Offset shanks with integral stops. 1/2" female inlets (adjustable from 6" to 10").

PRODUCT FEATURES:

Cast Brass Construction: Durable - Excellent in high use applications.

Ceramic Disc Valve Cartridges: Assure a lifetime of drip-free performance.

Offset Shanks with Integral Stops: Permits easy and convenient access. Adjustable rough in from 6 to 10 inches.

Bottom Brace: Provides additional support.

Polished Chrome: Excellent in commercial applications.

SUGGESTED SPECIFICATION

Exposed yoke wall-mount utility faucet shall feature a cast brass body, brass wrist blade handles, brass spout with bucket hook, bottom brace and stops in shanks. Shall also feature 1/4 turn washerless ceramic disc valve cartridges. Fitting shall be American Standard Model # 8345.____.002.

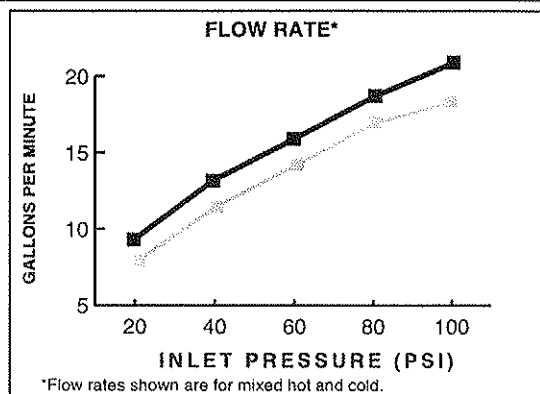
American Standard

EXPOSED YOKE WALL-MOUNT UTILITY FAUCET WITH BOTTOM FORK BRACE

CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASME A112.18.1
CSA B 125
ASSE 1001 (8345.110 ONLY)
ANSI A117.1



- - Flow rates for 8345.110
- ◆ - Flow rates for 8345.101 and 8345.119

Product Number	Description	Finish
		Polished Chrome 002
8345.101	Exposed yoke wall-mount utility faucet. Bottom fork brace. 6" spout with plain end.	
8345.110	Exposed yoke wall-mount utility faucet. Bottom fork brace. 6" spout with threaded end. With Vacuum Breaker	
8345.119	Exposed yoke wall-mount utility faucet. Bottom fork brace. 8" spout with plain end.	



Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

SLOAN[®]

OPTIMA ACCESSORIES

EHD-S

Sensor Operated Surface Mounted Electronic Hand Dryer

► Specifications

Electronic Sensor Operated Hand Dryer for surface mounting, equipped with Self-adaptive Fiber Optic Sensor and automatic 60 second Cut-off Switch, one piece rugged die cast metal housing with applied scratch resistant finish, air delivery of approximately 100 SCFM at an average outlet temperature of 125° F (maximum).

► Electrical Specifications

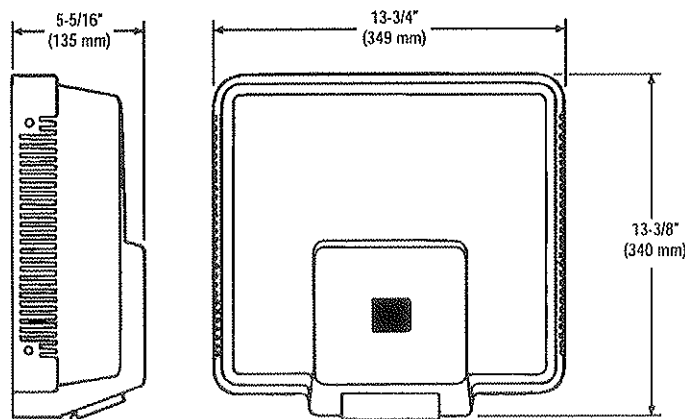
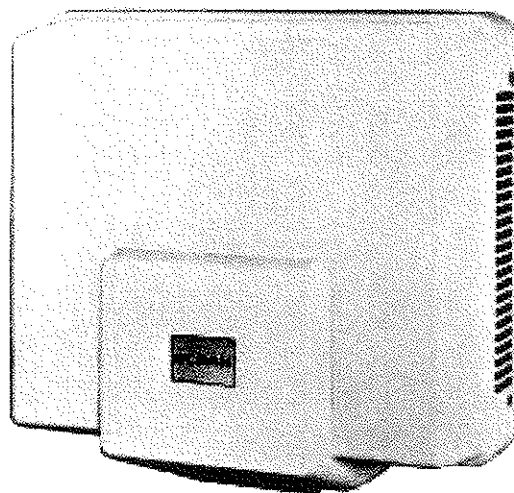
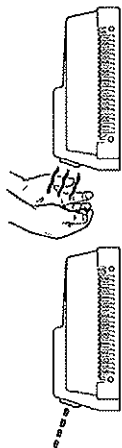
- ☐ Model EHD-S 120: 120 VAC, 20 Amps, 50/60 Hz, 2400 watts
- ☐ Model EHD-S 208: 208 VAC, 9 Amps, 50/60 Hz, 1870 watts
- ☐ Model EHD-S 240: 240 VAC, 10 Amps, 50/60 Hz, 2400 watts

► Colors

- ☐ White
- ☐ Almond
- ☐ Gray

► Operation

- When the Fiber Optic Sensor detects hands beneath the exhaust port, it activates the Hand Dryer. A powerful flow of warm air dries hands within thirty (30) seconds.
- After hands are withdrawn from the Sensor's detection zone, or after a maximum of sixty (60) seconds of continuous operation, the Hand Dryer automatically stops. It is then ready for the next user.



► ADA Compliant

► Automatic

The Sloan OPTIMA[®] EHD-S Sensor Operated Electronic Hand Dryer operates by means of an adaptive Fiber Optic Sensory Device. Once the user enters the sensor's effective range, the Hand dryer will activate until the user leaves or after sixty (60) seconds of continuous operation.

► Hygienic

Offers the ultimate in sanitary protection — there are no handles to turn or buttons to push. Helps control the spread of infectious diseases.

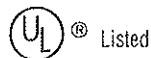
► Economical

Automatic operation provides energy savings. Reduces maintenance and operating costs. Self-adaptive range adjustment makes installation quick and easy.

► Warranty

5 year (limited)

► Made in the U.S.A.



This space for Architect/Engineer approval

Job Name _____ Date _____

Model Specified _____ Quantity _____

Variations Specified _____

Customer/Wholesaler _____

Contractor _____

Architect _____

The information contained in this document is subject to change without notice.

SLOAN[®]

Made in the U.S.A.

SLOAN VALVE COMPANY • 10500 SEYMOUR AVE. • FRANKLIN PARK, IL. 60131
Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380
<http://www.sloanvalve.com>

Optima EHD-S S.S. — Rev. 1 (01/02)
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Printed in the U.S.A.

Barrier-Free Wall Mounted Electric Drinking Fountain



Model H1011.8 "Hi-Lo" electric drinking fountain provides 8 gph of chilled water. It is manufactured in Type 304, 18 gauge Stainless Steel with a satin finish. The back panel and grille match the finish of the fountain. This fountain features round sculpted bowls where the bubbler and push button are polished chrome-plated. The slots on the grille are designed to eliminate any sharp edges, and they are small enough to prevent intrusion from fingers or objects. The grille is also backed with a foam filter that protects the fan motor and compressor from dust and debris. Model H1011.8 includes fountain with back panel, grille, mounting frame, vandal-resistant bottom plate, front adjustable valve, 1-1/4" O.D. waste arm and 8 gph chiller. The refrigeration system is balanced to provide low energy usage and a longer life assured by utilizing a high displacement compressor, a counterflow cooling evaporator/chiller, efficient capillary sizing, a large capacity dryer-strainer, and a fan-cooled condenser with maximum heat exchange. 115V, 60 Hz. Environmentally friendly R134a refrigerant is controlled by calibrated capillary tube.

Capacity is based on ARI standard rating conditions of 80°F inlet water temperature, 90°F room temperature, 50°F drinking water temperature.

Model H1011.8 meets all current Federal Regulations for the disabled including those in the Americans with Disabilities Act. Haws manufactures drinking fountains, electric water coolers and electric drinking fountains to be lead-free by all known definitions including ANSI/NSF Standard 61, Section 9, California Proposition 65 and the Federal Safe Drinking Water Act.

Components:

Bubbler Head: Model 5705, sculpted, polished chrome-plated brass, shielded, anti-squirt, integral basin shank, vandal-resistant bubbler head features laminar flow to prevent splashing.

Valve: Model 5874, patented* lead-free forged brass, push activated, front accessible for stream adjustment and servicing, replaceable pressure regulation control cartridge. (Patent No. 6,981,692).

Waste Strainer: Model 6463 is a satin chrome-plated vandal-resistant waste strainer with anti-airlock draining feature. Includes fiber washer and 1-1/2" locknut, 1-1/2" NPS.

Push Button: Model PBA6, flanged push button assembly has a polished chrome-plated finish. For flush mounted (not recessed) push button fountains.

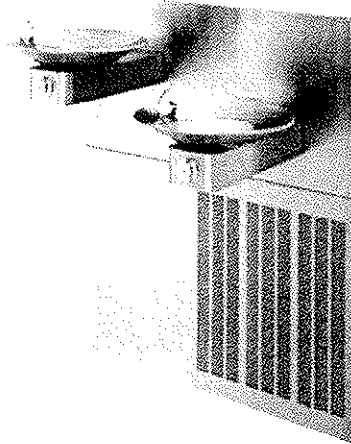
Bottom Plate: Model PBM1000, stainless steel bottom plate for 1001 series "swirl" bowl bracket.

Accessory: 0006983506 Spanner wrench is used to remove the PBA6 and PBA7 push button cover used with the 5874 valve. Also used to remove retaining ring for replacing the cartridge and screen (VRK5874 kit) in 5874 valve assembly.

Mounting: Model MTGFR.LG, large adjustable mounting frame manufactured of heavy gauge galvanized steel with pre-punched mounting holes. Mounting frame may be shipped prior to cooler for rough-in installation.

Chiller: Model HCR8, chiller provides for instantaneous cooling to meet a continuous demand for chilled water.

H1011.8



Options/Accessories: (Additional costs may apply)

Wall Mounted Drinking Fountain: Model 1011, "Hi-Lo", satin finish wall mounted stainless steel drinking fountain.

Barrier-Free Electric Drinking Fountain: Model H1011.8HO, barrier-free, sensor activated, Type 304 Stainless Steel with a satin finish, "Hi-Lo" electric drinking fountain with round sculpted bowl.

Filter: Model 6426, 12" x 2", in-line lead removal element that reduces lead from incoming water supply.

Cane Touch Skirt: Model SK3, satin finish stainless steel cane touch skirt for installation on high unit to comply with ADA protruding objects guidelines.

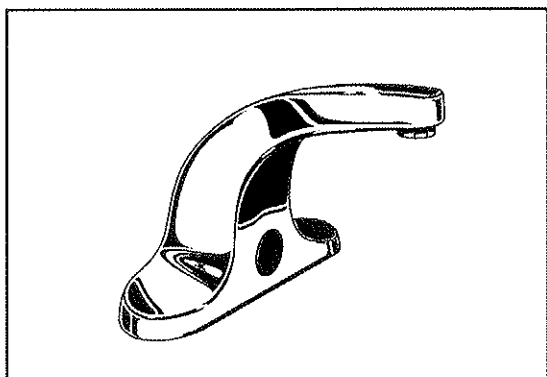
Premier Finishes: Haws standard satin or high polished finishes in stainless steel, rose or gold available. Specify model with finish by name.

DISCLAIMER: Continued product improvements make specifications subject to change without notice. Check www.hawsco.com for the latest product information and updates.



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31 January, 2007



GENERAL DESCRIPTION:

Electronic faucet with proximity operation. Vandal resistant solid brass construction single post mounting. Operates on DC (battery) or AC permanent power. Water pressure range from 20 to 125 psi. In-line strainer for solenoid is integral. Single inlet 3/8" compression, built-in checks, and flexible stainless steel 15" reach inlet hose for spout connection.

PRODUCT FEATURES:

Vandal-Resistant Brass Body: Durable - Excellent in high use applications.

Power Options:

- **Battery** - Approx. 4 years with Lithium Battery CR-P2
- **Plug-In - Integral** low voltage transformer (115 VAC supply) with 5 foot power supply.

Easy and flexible installation:

3-Hole, 4" Centerset installation.
Water resistant solenoid enclosure mounts to wall.

Integrated; easy service Strainer:

Patented integrated strainer enclosed in removable debris cup protects the solenoid valve and aerator from debris. Perforated stainless steel strainer is low maintenance and can be easily accessed.

Temperature Mixing:

Optional thermostatic mixing valve meets ASSE 1016 performance and anti-scald requirements at 0.5 GPM. Mixing valve will connect directly to solenoid inlet and is housed in matching enclosure.

End Device:

Choice of 2.2 GPM 8.3 L/min Vandal resistant aerator or
0.5 GPM 1.9 L/min Vandal resistant aerator.

CODES AND STANDARDS:

These products meet or exceed the following coded standards:

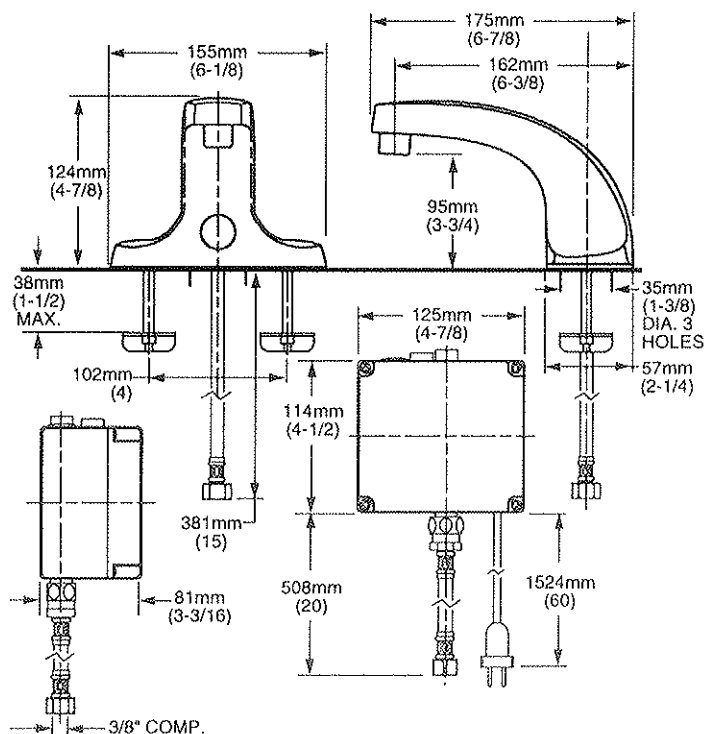
ANSI A117.1
ASME A112.18.1
CSA B 125
NSF 61/Section 9



ADA Compliant

MODEL NUMBER:

- **DC POWERED; single inlet**
 - 6055.205 with cast spout, 0.5 GPM vandal resistant aerator.
 - 6055.202 with cast spout, 2.2 GPM vandal resistant aerator.
- **AC POWERED; single inlet**
 - 6056.205 with cast spout, 0.5 GPM vandal resistant aerator.
 - 6056.202 with cast spout, 2.2 GPM vandal resistant aerator.
- **MULTI AC POWERED; single inlet**
 - 6057.205 single inlet operates up to 15 units in series from one AC power supply., 0.5 GPM vandal resistant aerator.
 - 6057.202 single inlet operates up to 15 units in series from one AC power supply., 2.2 GPM vandal resistant aerator.
- **OPTIONAL Mixing Valve**
 - 605XTMV Thermostatic mixing valve, flex hoses 3/8" compression 20" hose length.



RECOMMENDED SPECIFICATION

Electronic Proximity Lavatory shall feature vandal resistant all brass body with single inlet, built-in check valve, and in-line strainer. Shall also feature a low energy use electronically operated solenoid valve and microprocessor controlled proximity sensors. Shall meet ANSI A112.18.1M and ANSI 117.1 codes. Fitting shall be American Standard Model # 6055____, 6056____, 6057____.

American Standard

AFFINITY™ COUNTERTOP SINK

AMERICAST® BRAND ENGINEERED MATERIAL

AFFINITY™ COUNTERTOP SINK Americast® Brand Engineered Material

- Acid-resistant porcelain finish
- Large bowl area
- Self-rimming with cutout template supplied
- Chrome overflow trim ring
- Shown with 8871.802 Lexington spread faucet with Fabian handles (not included)

- ☐ **3420.001** Center hole only
- ☐ **3420.403** Faucet holes on 4" (102mm) centers
- ☐ **3420.803** Faucet holes on 8" (203mm) centers (illustrated)

Nominal Dimensions:

527 x 445mm
(20-3/4" x 17-1/2")

Bowl sizes:

483mm (19") wide
292mm (11-1/2") front to back
178mm (7") deep

Americast® Brand engineered material is a composition of porcelain bonded to enameling grade metal, bonded to a patented structural composite.

Compliance Certifications -

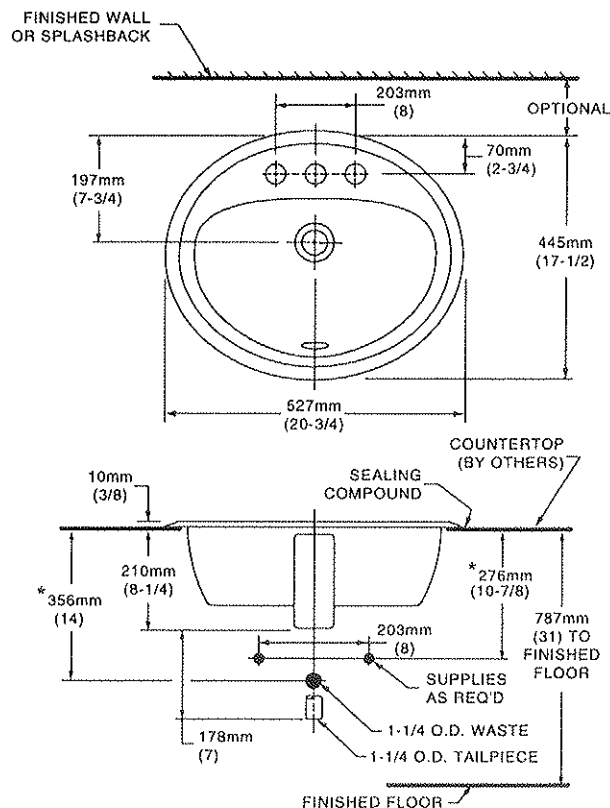
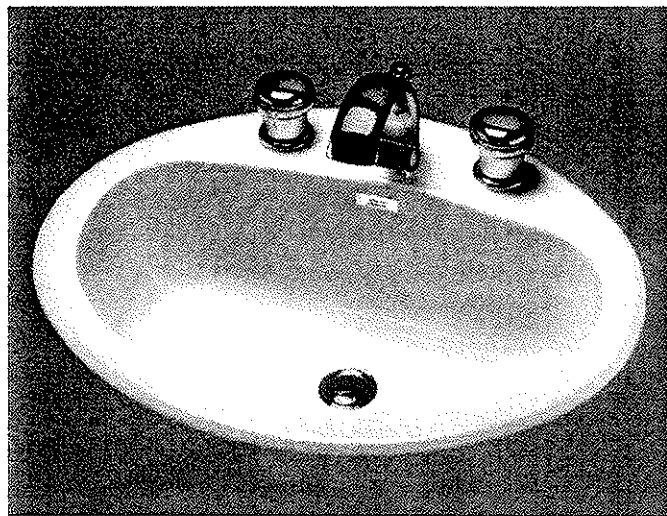
Meets or Exceeds the Following Specifications:

- ASME A112.19.4M for Americast Plumbing Fixtures
- ASTM E162 for Flammability
- NFPA 258 for Smoke Density

To Be Specified:

- ☐ Color:
- ☐ Faucet*:
- ☐ Faucet Finish:
- ☐ Optional Trim Ring for Overflow:
790730-101 Polished Brass
- ☐ Supplies:
- ☐ Trap:

* See faucet section for additional models available



NOTES:
* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIES AND "P" TRAP ARE SUGGESTED.
FOR COUNTERTOP CUTOUT AND INSTALLATION INSTRUCTIONS USE TEMPLATE SUPPLIED WITH SINK.
FITTINGS NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY.
SEALING COMPOUND SUPPLIED BY OTHERS.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.4. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided leaflet.

FLORWELL™ SERVICE SINK

- Enameled cast iron
- 3" outlet
- Corner model

☐ **7741.000**
fixture only

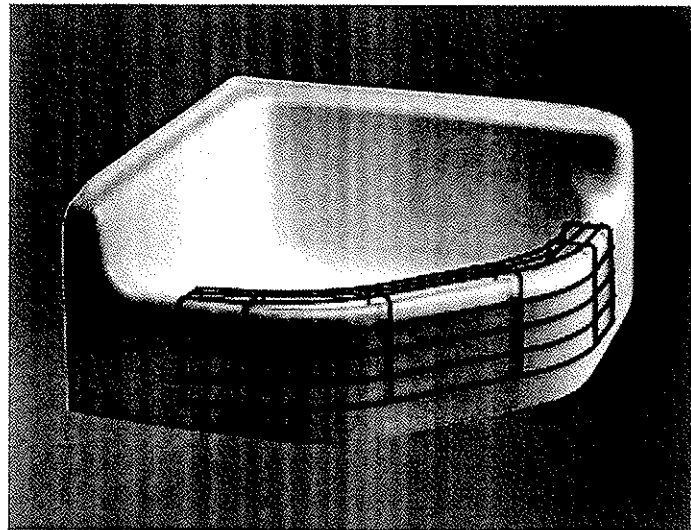
☐ **7745.811**
Vinyl Rim Guard

Nominal Dimensions: 28" x 28" x 13"
711 x 711 x 330mm

Compliance Certifications -

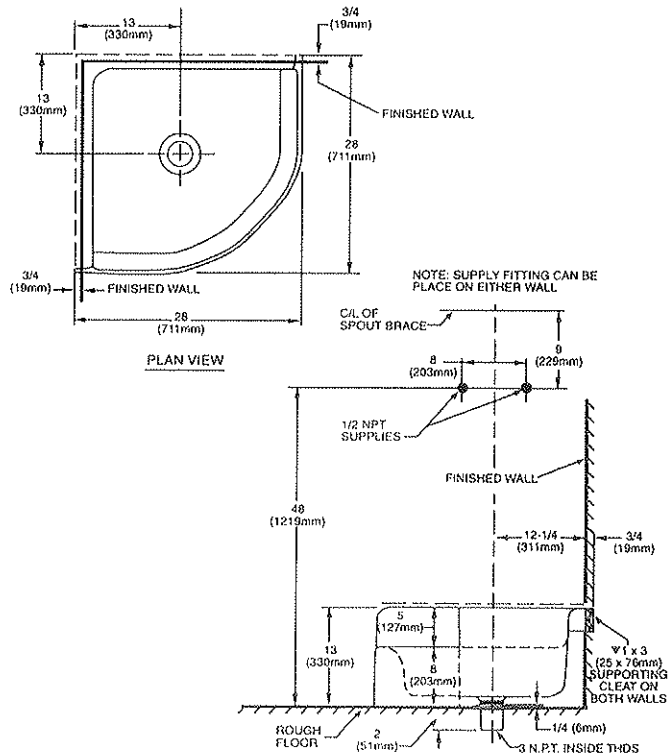
Meets or Exceeds the Following Specifications:

- ASME A112.19.1 for Cast Iron Plumbing Fixtures
- CAN / CSA B45 Series



To Be Specified

- ☐ Faucet: 8344.112 faucet with top brace, stops, and vacuum breaker
- ☐ Alternative faucet:
- ☐ Drain: 7721.038 flat grid drain
- ☐ Removable vinyl-coated rim guard: 7745.811 (black)



NOTES:

▼ PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS.
FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.1

These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided leaflet.

Web Applications

The APOGEE® System provides web interfaces to meet different customer needs.

APOGEE GO® for Insight

Access your facility's infrastructure systems from anywhere in the world with APOGEE GO for Insight®. You can access, view and command critical building information in real time over the Intranet or Internet.

- Monitor alarms and graphics
- Override and command set-points and control parameters
- Create and override schedules
- Run reports

APOGEE GO for InfoCenter Suite®

Provides access to InfoCenter Suite's Report Manager and Utility Cost Manager Applications. This allows users to run, schedule and review management-level reports using common Web browsers.

Field Panel GO

Ideal for small or remote facilities, Field Panel GO easily monitors and controls the APOGEE® system through a simple Web-based user interface.

- Control and display data from all networked field panels
- Transform the TCP/IP-based APOGEE® Power Open Processor or Power Mechanical Equipment Controller into an integrated Web server, while maintaining full building automation and input/output features

Insight Terminal Services Option

Terminal Services provide a method for remote access to Insight, using Microsoft® Windows® Terminal Services.

- Get full functional monitoring of your systems without being restricted to dedicated workstations

Web Tenant Override System

The Web Tenant Override System is beneficial to sites where tenants or employees are regularly working after-hours.

- Free up facility staff by giving the tenant after-hours lighting and occupancy control via a Web browser or touch-tone phone interface
- Get tracking and billing of after-hours usage

